

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A seat ~~, in particular~~ for a vehicle, ~~the seat having~~ comprising:

a supporting structure; ~~[[ (4), ]]~~

a support; ~~[[ (1) ]]~~ and

wiring, ~~[[ (3), ]]~~ apart from a seat heating system,

wherein systems, characterized in that the wiring ~~[[ (3) ]]~~ is fixed to the support, ~~[[ (1) ]]~~

wherein the wiring comprises flat conductors connected to a plurality of energy consuming devices.

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2. – 19. (Canceled)

20. (New) The seat of claim 1, wherein the support is at least partially multi-layered with a plurality of layers, and wherein the wiring is fixed to one of the layers.

21. (New) The seat of claim 20, wherein the layers are formed from different materials.

22. (New) The seat of claim 1, wherein the seat comprises a plurality of supports and the wiring is fixed to at least one of the supports.

23. (New) The seat of claim 22, wherein the wiring is fixed to a felt mat and the felt mat forms one of the plurality of supports.

24. (New) The seat of claim 1, wherein the wiring is fixed to a felt mat.

25. (New) The seat of claim 1, wherein the wiring is fitted in the support.

26. (New) The seat of claim 1, wherein the support has a visible side and a rear side, and wherein the wiring is provided on the rear side of the support.

27. (New) The seat of claim 26, wherein the wiring is fixed to a felt mat, and wherein the felt mat forms the rear side of the support.

28. (New) The seat of claim 1, wherein the wiring is fixed to the support by at least one of adhesive bonding and touch-and-close strips.

29. (New) The seat of claim 1, wherein a plurality of layers of the wiring are arranged one above another.

30. (New) The seat of claim 1, wherein the energy consuming devices are circuit components.

31. (New) The seat of claim 1, wherein the wiring is connected to one of the energy consuming connecting components or a supporting structure component by at least one of manufacturing in advance, soldering, plugging in, and clamping.

32. (New) The seat of claim 31, wherein the wiring is connected to the supporting structure component, which is placed on or in an immediate vicinity of the supporting structure by a short branch connection.

33. (New) The seat of claim 1, wherein the flat conductors are essentially as flexible as or more flexible than the support.

34. (New) A method for assembling a seat for a vehicle, the seat having a supporting structure, a support and wiring, apart from a seat heating system, the method comprising:

- (a) fixing the wiring to a layer of the support;
- (b) fitting layers of the support onto the seat; and
- (c) joining together the layers of the support,

wherein step (c) takes place either before or after step (b), and

wherein the wiring comprises flat conductors connected to a plurality of energy consuming devices.

35. (New) A vehicle seat comprising:

wiring comprising flat conductors that are apart from any seat heating system; and

a support, wherein the flat conductors are fixed to the support,  
wherein the flat conductors are connected to a plurality of energy consuming devices.

36. (New) The vehicle seat of claim 35 wherein the flat conductors are fixed in the support.